

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Mitsuaki MORITANI et al.  
Title: CONTENT INFORMATION  
MANAGEMENT APPARATUS  
AND CONTENT INFORMATION  
MANAGEMENT METHOD  
Appl. No.: Unassigned  
Filing Date: CONCURRENTLY HEREWITH  
Examiner: Unassigned  
Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

**RELEVANCE OF EACH DOCUMENT**

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Respectfully submitted,

Date February 19, 2004

FOLEY & LARDNER

Customer Number: 23392

Telephone: (310) 975-7895

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By *David A. Blumenthal* 36,489

*For* David A. Blumenthal  
Attorney for Applicant  
Registration No. 26,257

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: February 19, 2004 <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				<b>Application Number</b>	Unassigned
				<b>Filing Date</b>	CONCURRENTLY HEREWITH
				<b>First Named Inventor</b>	Mitsuaki MORITANI
				<b>Group Art Unit</b>	Unassigned
				<b>Examiner Name</b>	Unassigned
				<b>Attorney Docket Number</b>	088485-0244
Sheet	1	of	1		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		6,078,924		Robert D. Ainsbury	6/20/2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		U.S. Patent Application (Published Version) No. 2002/0035621 A1 (Published March 21, 2002); "XML-based language description for controlled devices"	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

# BACKGROUND ART INFORMATION

TOSHIBA

The following information has been determined, to the best of TOSHIBA's ability, as possibly relevant to the describing and claiming of the invention of the subject case in a U.S. patent application. Based on this information and pursuant to 37 CFR 1.56(b), please prepare and file the proper Information Disclosure Statement or equivalent document.

INVENTOR'S INFORMATION

★	PATENT NUMBER, PUBLICATION.	INVENTOR(S), AUTHOR(S)	DATE	etc.								
	米国特許出願公開公報 No. 2002/0035621 A1 (March 21, 2002) "XML-based language description for controlled devices"											
★	CONCISE EXPLANATION											
	本発明が適用される UPnP (Universal Plug and Play) 機器の仕様を 書かれている。											
★	米国特許 6,078,924 (June 20, 2000) "Method and apparatus for performing data collection, interpretation and analysis, in an information platform"											
	多様なデータを収集、分類し、表示する方法を述べているが、リスト及び同一コンテンツの重複について述べられていない。また、一旦、収集して保存するに前提とし、必要に応じて、再収集を行うようになっている。											
★												
★												
PRIOR APPLICATION(S) OF INVENTOR(S) OR OF KABUSHIKI KAISHA TOSHIBA(ASSIGNEE) <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">APPLICATION NUMBER</td> <td style="width: 25%;">TOSHIBA REFERENCE</td> <td style="width: 20%;">COUNTRY</td> <td style="width: 20%;">AGENT</td> <td style="width: 10%;">MEMO</td> </tr> </table>					APPLICATION NUMBER	TOSHIBA REFERENCE	COUNTRY	AGENT	MEMO			
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INVENTOR(S) SIGNATURE & DATE <table style="width: 100%; border: none;"> <tr> <td style="width: 20%; border: 1px solid black; text-align: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; line-height: 30px; margin: 0 auto;">石橋</div> </td> <td style="width: 80%;"> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Mitsuaki Moritani Oct. 8, 2003</td> <td style="width: 50%;">Ken Hishida Oct. 8, 2003</td> </tr> <tr> <td style="width: 50%;">Kazuaki Sawamura Oct. 8, 2003</td> <td style="width: 50%;">Hirosaki Niina Oct. 9, 2003</td> </tr> <tr> <td style="width: 50%;">Masahiro Moriohara Oct. 16, 2003</td> <td></td> </tr> </table> </td> </tr> </table>					<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; line-height: 30px; margin: 0 auto;">石橋</div>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Mitsuaki Moritani Oct. 8, 2003</td> <td style="width: 50%;">Ken Hishida Oct. 8, 2003</td> </tr> <tr> <td style="width: 50%;">Kazuaki Sawamura Oct. 8, 2003</td> <td style="width: 50%;">Hirosaki Niina Oct. 9, 2003</td> </tr> <tr> <td style="width: 50%;">Masahiro Moriohara Oct. 16, 2003</td> <td></td> </tr> </table>	Mitsuaki Moritani Oct. 8, 2003	Ken Hishida Oct. 8, 2003	Kazuaki Sawamura Oct. 8, 2003	Hirosaki Niina Oct. 9, 2003	Masahiro Moriohara Oct. 16, 2003	
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PATENT ENGINEER'S INFORMATION

PATENT ENGINEER'S COMMENT ON INVENTOR(S) INFORMATION OR PATENT ENGINEER'S INFORMATION							
★	特許						
★							
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( to U.S  
Attorney)

P2003-202642	TOSHIBA REFERENCE 3K G 036447	JAPANESE AGENT REFERENCE Sheet of
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**Translation of the attached sheet (Japanese text portions only)**  
**Background Art Information**

<b>Patent No./Publication</b>	<b>Inventor(s)/Author(s)</b>	<b>Date etc</b>					
<p>U.S. Patent Application (Published Version) No. 2002/0035621 A1  (Published March 21, 2002); "XML-based language description for  controlled devices"</p>							
<p><b>*Concise Explanation</b></p> <p>This application describes specifications for UPnP (Universal Plug and  Play) devices, and the present invention is applied to the specifications.</p>							
<p>U.S. Patent No. 6,078,924 (Date of Patent: June 20, 2000); "Method  and apparatus for performing data collection, interpretation and  analysis, in an information platform"</p>							
<p><b>*Concise Explanation</b></p> <p>This patent may describe the collection, classification and display of  various kinds of data, but does not mention how to sort data or how to  check identical contents. The premise of the patent lies in collection  and retention of data, and the patent does not perform re-collection of  data, as needed.</p>							
<p><b>*Concise Explanation</b></p>							
<p><b>Prior Applications of Inventors or of Kabushiki Kaisha Toshiba (Assignee)</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;"><b>Application No.</b></td> <td style="width: 25%;"><b>Toshiba Reference</b></td> <td style="width: 15%;"><b>Country</b></td> <td style="width: 15%;"><b>Agent</b></td> <td style="width: 20%;"><b>memo</b></td> </tr> </table>			<b>Application No.</b>	<b>Toshiba Reference</b>	<b>Country</b>	<b>Agent</b>	<b>memo</b>
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<p><b>Inventor(s)</b></p> <p><b>Signature &amp; Date</b></p>							

<p><b>Patent engineer's comment on inventor's information or patent engineer's information</b></p> <p>None</p> <p>*</p>		
<b>Checked by</b>	<b>Dated</b>	
<b>Toshiba Reference</b>	<b>Japanese Agent's Ref</b>	<b>sheet</b>